

Second  
Amended

Amended  
Application No. 77575

**APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC  
WATERS OF THE STATE OF NEVADA**

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office NOV 06 2008

Returned to applicant for correction \_\_\_\_\_

Corrected application filed \_\_\_\_\_ Map filed DEC 01 2008

The applicant U.S. Fish & Wildlife Service, an agency of the U.S. Department of the Interior

911 NE 11th Ave of Portland  
Street Address or P.O. Box City or Town

OR 97232 hereby make(s) application for permission to appropriate  
State and Zip Code

the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association give names of members.)

1. The source of water is Plummer Springs  
Name of stream, lake, underground, spring or other sources.
2. The amount of water applied for is 3.0 (non-consumptive) second feet.  
One second foot equals 448.83 gallons per minute.
  - (a) If stored in reservoir give number of acre-feet N/A
3. The water to be used for wildlife (in-stream flow)  
Irrigation, power, mining, commercial, domestic or other use. Must limit to one major use.
4. If use is for:
  - (a) Irrigation, state number of acres to be irrigated \_\_\_\_\_
  - (b) Stockwater, state number and kind of animals \_\_\_\_\_
  - (c) Other use (describe fully in No. 12) See item 12
  - (d) Power:
    - (1) Horsepower developed \_\_\_\_\_
    - (2) Point of return of water to stream \_\_\_\_\_

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

The points of diversion are 11 springs in the NE 1/4 NE 1/4 Section 21 T14S R65E MDM, Clark County Nevada. See the attached Table 1 and the accompanying application map for ties to the NE corner of Section 21, T14S R65E MDM.

E 1/4

REL

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated.)

The Place of Use is the spring pools and the outflow channel from the sources downstream to the locations where the channel intersects the refuge boundary and leaves the Moapa Valley National Wildlife Refuge. The legal description for the Place of Use is the NE 1/4 NE 1/4 Section 21 T14S R65E MDM, Clark County Nevada

7. Use will begin about January 1 and end about December 31 of each year.

Month and Day

Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.)

Outflow channels are already in place. Either a new measuring device at the downstream end of the channel will be installed or we will rely on the (USGS Iverson flume) just downstream of the refuge.

9. Estimated cost of works: \$5,000

10. Estimated time required to construct works: 1 year (or less if existing flume is adequate)

(If well completed, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 5 years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary):  
(Failure to provide a detailed description may cause a delay in processing.)

Maintenance of stream flow and non-consumptive in situ appropriation to maintain habitat for Moapa dace and other aquatic wildlife species. The flow from numerous springs and seeps is channeled into a single stream which exits the Refuge at the right of way of Warm Springs Road. The total flow is estimated to be 3.0 cfs or less.

13. Miscellaneous remarks:

Dar\_Crammond@fws.gov  
E-mail Address

(503) 231-6145  
Phone No.

APPLICATION MUST BE SIGNED  
BY THE APPLICANT OR AGENT

Dar Crammond, Water Resources Branch  
Type or print name clearly

By

Tim Mayer (Acting)  
Signature, applicant or agent

U.S. Fish & Wildlife Svc. Div of Engineering  
Company Name

911 NE 11th Ave  
Street Address or P.O. Box

Portland OR 97232  
City, State, Zip Code

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STATE ENGINEERS OFF

\$250 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

Revised 11-07

Protested: January 26, 2009, by Southern Nevada Water Authority

Table 1: Points Of Diversion for "Plummer Springs"

Ties to the E 1/16<sup>th</sup> corner common to Sections 16 and 21, T14S R65E MDM:

Source or Spring	Bearing	Distance	Description
1	N 74°52' W	1035'	Spring
2	N 74°37' W	1104'	Spring
3	N 72°33' W	1159'	Spring
4	N 74°19' W	1203'	Spring
5	N 73°53' W	1262'	Spring
6	N 76°46' W	1154'	Spring
7	N 77°33' W	1147'	Spring
8	N 75°44' W	944'	Spring
9	N 78°52' W	932'	Spring
10	N 79°01' W	923'	Spring
11	N 81°57' W	1082'	Spring